AMENDMENTS TO THE SPECIFICATION

Please amend the first full paragraph on Page 6, i.e., lines 11–24, as follows:

Referring to FIG. 2, a digital feedback linearizing apparatus 100 according to a first embodiment of the present invention comprises a PA input/output signal subtracting unit 112 that generates a difference between an input signal and an output signal of a PA 10; a look-up table [[14]] 114 used as an inverse distortion feedback signal extracting unit that extracts an inverse distorted feedback signal e(t) corresponding to an input signal x(t) based on an output signal of the PA input/output signal subtracting unit 112 and an absolute value of the input signal x(t) input to the digital feedback linearizing apparatus 100 via a predetermined path; a signal adding unit 116 that generates a predistorted signal u(t) input to the PA 10 by adding the inverse distorted feedback signal e(t) to the input signal x(t); and an output signal offset unit 118 that is interposed between an output terminal of the PA 10 and the input/output signal subtracting unit 112 and offsets the amplitude of the output signal y(t) of the PA 10 by the reciprocal of the total gain GPD. The digital feedback linearizing apparatus 100 using the predistorted signal u(t) as its input signal.